

**Table 30. U.S. Emissions of Hydrofluorocarbons, Perfluorocarbons, and Sulfur Hexafluoride,
1990 and 1995-2003**
(Thousand Metric Tons of Gas)

Gas	1990	1995	1996	1997	1998	1999	2000	2001	2002	P2003
Hydrofluorocarbons										
HFC-23	3.0	2.3	2.7	2.6	3.5	2.6	2.6	1.7	1.7	1.1
HFC-125.....	0.0	1.3	1.9	2.5	3.1	3.6	4.0	4.4	4.8	5.2
HFC-134a.....	0.0	13.9	18.9	24.1	28.2	32.5	36.9	40.5	43.8	46.6
HFC-143a.....	0.0	0.2	0.5	0.9	1.4	1.7	2.2	2.6	3.2	3.8
HFC-236fa.....	0.0	0.0	0.0	*	0.1	0.1	0.2	0.3	0.3	0.4
Perfluorocarbons										
CF ₄	2.6	1.8	1.9	1.8	1.5	1.5	1.5	0.7	0.9	0.7
C ₂ F ₆	0.4	0.4	0.4	0.5	0.5	0.5	0.4	0.3	0.3	0.3
PFCs/PFPEs.....	W	W	W	W	W	W	W	W	W	W
Other HFCs, PFCs/PFPEs	M	M	M	M	M	M	M	M	M	M
Sulfur Hexafluoride.....	1.5	1.2	1.3	1.2	1.0	1.0	0.8	0.8	0.8	0.8

*Less than 50 metric tons of gas.

P = preliminary data. M = mixture of gases. W = withheld to avoid disclosure of confidential data.

Notes: Other HFCs, PFCs/PFPEs include HFC-152a, HFC-227ea, HFC-245fa, HFC-4310mee, and a variety of PFCs and perfluoropolymers (PFPEs). They are grouped together to protect confidential data. Totals may not equal sum of components due to independent rounding.

Source: U.S. Environmental Protection Agency, Office of Air and Radiation, web site www.epa.gov/globalwarming/ (preliminary estimates, September 2004).